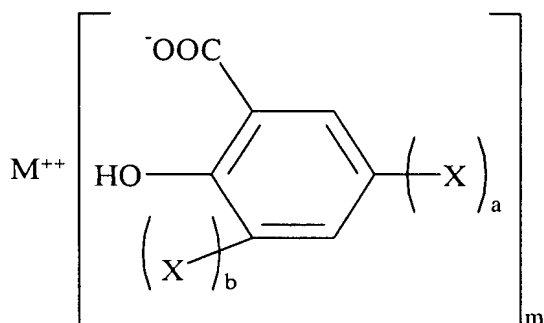


METAL-CONTAINING NEUTRAL AND OVERBASED SALICYLATES BASED ON STYRENATED SALICYLIC ACID

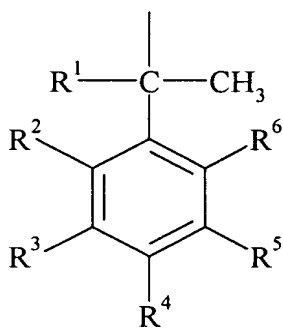
ABSTRACT OF THE DISCLOSURE

An engine oil is disclosed that comprises a lubricating oil, and an overbased alkaline earth salicylate detergent of the structure:



wherein:

X is



R¹ is selected from the group consisting of hydrogen, substituted or unsubstituted alkyl, and substituted or unsubstituted aryl;

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R^2 , R^3 , R^4 , R^5 , and R^6 are independently selected from the group consisting of hydrogen, X, and innocuous functional groups;

a and b are independently selected integers ≥ 0 and $a + b \geq 8$;

m is 2; and

5 M is an alkaline earth metal.